EXHIBIT A

(Modification Log)

```
1  #*********************************************************************
2  #* Filename: domino_manager      Project: Cop
3  #*********************************************************************
4  #*
5  #* (C) Copyright Intel Corporation, [redacted]
6  #* Licensed material -- Program property of Intel Corporation
7  #* All Rights Reserved
8  #*
9  #* This program is the property of Intel Corporation and is furnished
10 #* pursuant to a written license agreement. It may not be used, reproduced,
11 #* or disclosed to others except in accordance with the terms and conditions
12 #* of that agreement.
13 #*
14 #*********************************************************************
15 #*
16 #* Original Author: Hans J. Greub   Email: [redacted]
17 #*
18 #* Functional description:
19 #*
20 #* This script extracts domino circuits and simulates the dominos and
21 #* inverting gates igates in stages using dominosim for simulating the
22 #* the dominos for chargesharing, residual (propagated noise from the
23 #* input to the output), and the injected crosstalk voltage at the output,
24 #* and using go_nm to characterize UGNMH vs Vout for custom or zgcells
25 #* connected to dominos and and then propagates the worst case
26 #* voltage drop on the domino output through the inverting gates to get
27 #* the input residual for the next domino stage.
28 #* All propagated residuals are captured in the file:
29 #* xcap/domino/data/<fub>.residual
30 #* A margin report for all domino outputs is written to the file:
31 #* xcap/report/<fub>.domino_finalreport
32 #*
33 #*********************************************************************
34 #*
35 #*
36 #*********************************************************************
37 # Implementation Notes:
38 #*********************************************************************
39 #
40 # Data Structures
41 #
42 # The Domino Output Noise Info is stored in the hash:
43 # $DomOutput{$pathmill_node_name}=\@domino_output_record;
44 # each entry contains pointer to a domino_output_record with the following format:
45 #
46 @domino_output_record=($Reff,$Rline,$Ctot,$Cx,$Residual,$Peak,$Fub_Pin,$Supply_Noise,$ChargeSh
47 aring,$Average_Attacker_Slope,$assumed_fixed_value);
48 # The Domino Input Noise Info is stored in the hash:
49 # $DomInput{$pathmill_node_name}=\@domino_input_record;
50 # Each entry points to a record which contains:
51 #
52 @domino_input_record=($Reff,$Rline,$Ctot,$Cx,$Residual,$Source_of_Residual,$Peak,$Fub_Pin,$Suppl
53 y_Noise,$Average_Attacker_Slope);
54 # changed keys from ipath to pathmill notation
```

```
1   # - added the mapping hashes for simulation
2   #  %map_out2igate{$node} ="igate${id}$fub"
3   #  %map_out2domino{$node}="dom${id}$fub"
4   #  these hashes map an output node to a domino or igate cell name
5   # added the following hashes
6   #
7   @receiver_record=($domino_driven_input_pin,$source_config,$invelm_output,$invelm_name,$invelm_ty
8   pe);
9   # The hash %map_igate_out2igate_record maps igate outputs to igate records
10  # @igate_record=($invelm_type,$source_config,\@domino_driven_input_list,
11  #           \@domino_driven_input_pin_list,$invelm_name);
12
13  # obsolete $map_igate_receiver{$domino_driven_input}=\@receiver_records;
14  # $map_igate_out2cell_type{$igate_output}=$cell_type;
15  # The residual on igate outputs must be propagated thru
16  # passgates. The hash %short_igate2dynin with key $igate_output_node
17  # points to an array (list) of dynin nodes to which the residual
18  # needs to be propagated.
19  # $short_igate2dynin{$igate_node}=\@dynin_node_list;
20  # push(@{$short_igate2dynin{$igate_node}},$dynin_node);
21  #
22  # Modification Log
23  # [redacted] - added fub_boundary condition check for fub outputs
24  #       - added fub_boundary statements for fub input
25  #       - changed no receivers found on domino outputs to
26  #         warning messages to handle nocons better
27  # [redacted] - moving databases instead of deleting them!
28  # [redacted] - fixed bug in domino_stageN.pN cell list generation
29  # [redacted] - changed noise propagation from DYNOUT based to igate cell
30  #         based to conform to order in sim_sequence
31  # [redacted] - added -use_previous_results feature
32  # [redacted] - added archiving and output of $fub.residuals
33  # [redacted] - added database migration for -start_fresh option
34  # [redacted] - added $ENV{CSEJOBNOMAIL}="TRUE";
35  # [redacted] - removed path to /usr/home1/hgreub version of
36  #         igate_identify
37  # [redacted] - removed path checking for domino_extract because
38  #         it hangs in CTM
39  #       - changed tcsh path since /bin/tcsh does not work in
40  #         CTM
41  # [redacted] - fixed bug in migrate_dp which cause domino_manager
42  #         to quit if -start_fresh option is used and no db
43  #         datafiles exist
44  # [redacted] - fixed 'nbq -Pcs' instead $command_prefix bug in
45  #         domino simulate section
46  # [redacted] - added -f flag to tcsh to fix some problems with
47  #         setup in CTM
48  # [redacted] - added support for custom cells that the user wants
49  #         to treat like standard cells
50  #         if a cell custom_cell that is listed in the inv_element_fub.dat
51  #         file and thus was declared to be treated like a standard cell
52  #         in the xcap/domino/igate_no_extract_fub.dat file, domino_manager
53  #         looks for a command file "custom_cell.cmd" and if it exists
54  #         will simulate this cell once and read in the results
```

```
1   #[redacted] - removed -x from tcsh -f -x
2   #[redacted] - changed pathmill2plus to not add fubname prefix for fub pins
3   #[redacted] - changed read_transgate_domino_sim, looks like header in the
4   #       file changed
5   #[redacted] - fixed bug in UGNMH computation, lowest UGNMH instead of highest
6   #       UGNMH with lowest NT was kept
7   #[redacted] - fixed bug in residual propagation through passgates, the new
8   #       residual value was copied in without checking whether the existing
9   #       value is (worst case)
10  #     - fixed argument processing so that domino_manager -<anything> gives
11  #       usage message
12  #[redacted] - added handling of case if 2*($vout-2*$vout2) is zero
13  #       in compute_propagated_residual()
14  #[redacted] - added check for TIM version 2.8.b1
15  #[redacted] - added message to re-run xcap_mutex and xcap_change_psn
16  #[redacted] - added handling of domino/igate not reported condition in
17  #       sim seq file
18  #[redacted] - fixed migrate_db() for igate
19  #[redacted] - fixed worst noise level reported in domino_finalreport
20  #[redacted] - added an enhancement to deal with multiple tri-state drivers
21  #       connected to an igate output node (works for stdcells only)
22  #[redacted] - fixed domino residual propagation bug, fub.residuals was correct
23  #       but %DomInput data was still bad
24  #[redacted] - increased min chunk from 12 to 24 because of netbatch overflow.
25  #[redacted] - changed initial values in DomOutput to make sure dominos that
26  #       have not been simulated will fail
27  #[redacted] - added sanity checks to read_sim_seq files
28  #[redacted] - fixed residual propagation through passgates
29  #[redacted] - added archiving of siminofo file used for domino simulation
30
31
32  $VERSION="2.0";
33  $last_modified="[redacted]";
34  .
35  .
36  .
37
38                  This gives a time date of the LAST modification of some other "underlying" scripts
39                  that domino_manager calls to do needed functions.
40  [redacted]>ls -l
41  total 124
42  -rwxr-xr-x  1 [redacted] users     2151 [redacted] build_for_xcap
43  -rwxr-xr-x  1 [redacted] users    13009 [redacted] domino2ipath
44  -rwxr-xr-x  1 [redacted] users    10042 [redacted] domino_extract
45  -rwxr-xr-x  1 [redacted] users     7072 [redacted] ggate_extract
46  -rwxr-xr-x  1 [redacted] users     7710 [redacted] igate_extract
```

EXHIBIT B

(Parameter Extraction Code)

From the code "domino_extract":

```
#!/bin/csh

# Created [redacted] by Mark Nardin
# For use in extracting domino circuit netlists for simulation

set DOM_EXTRACT_EXE = $0

if ( ($#argv == 0) | ($1 == "-help") ) then
  echo " "
  echo "This MUST be run from a setup window where plus can be run. "
  echo " "
  echo " "
  awk '/^#BEGINhelp_message/ {\
    getline\
    while ( $1 != "#ENDhelp_message") {\
      print\
      getline\
    } }' $DOM_EXTRACT_EXE
  exit 0
endif

setenv WARD $WORK_AREA_ROOT_DIR
setenv FUB $1$2
setenv fub $1

if !(-e $WARD/plus/frz/xcap_$fub.frz) then
 echo " "
 echo " Can not find the required freeze file:"
 echo "    "$WARD/plus/frz/xcap_$fub.frz
 echo " "
 echo " Run the script: build_for_xcap "
 echo " "
 exit 0
endif


# Record the current directory
set CUR_DIR = `pwd`

# Make the master command file that needs to be executed in plus
#
rm -f $WARD/plus/cmd/domcall_tmp_$FUB.cmd
#
# Making the start-up sequence for PLUS to run
#
echo " Running plus and restarting the freeze file from xcap_<fub>.frz"
echo "restart xcap_$fub" > $WARD/plus/cmd/domcall_tmp_$FUB.cmd
#
# Making the series of commands that need to be run for each of the
# individual domino nodes
#
awk ' /^/ { \
```

```
1   print "put n "$1" domoutput_erc := TRUE"; \
2   print "@"'$WARD"'/plus/cmd/domselect_plus_"'$FUB"'.cmd"; \
3   print "@"'$WARD"'/plus/cmd/select_temp_"'$FUB"'.cmd"; \
4   print "system date"; \
5   print "simulate -nojob -ignore -selected -sdp dom"$2"ext"'$fub'""; \
6   print "system process_ext dom"$2"ext"'$fub'".sdp -create_template"; \
7   print "system source "'$WARD"'/plus/cmd/make_delete_file_"'$FUB"'.tmp"; \
8   print "@"'$WARD"'/plus/cmd/delete_sources_"'$FUB"'.tmp" } ' \
9    $WARD/plus/erc/domout_nodes_$FUB.dat >> $WARD/plus/cmd/domcall_tmp_$FUB.cmd
10
11  # Make the plus command file that actually extracts the iPath
12  # command file statements
13  #
```

EXHIBIT C

(Output Log)

```
ptdl:[redacted]n>ls -l
total 528
-rwxr-xr-x   1 [redacted]  cop      1139 [redacted] ##[redacted]-10:38:37#.ptdis91.gz
-rwxr-xr-x   1 [redacted]  cop       473 [redacted] ##[redacted]-12:48:42#.ptdis12.gz
-rw-r--r--   1 [redacted]  cop       265 [redacted] faaddc.domino_extract_audit.gz
-rw-r--r--   1 [redacted]  cop      5749 [redacted] faaddc.domino_finalreport.complete.gz
-rw-r--r--   1 [redacted]  cop      5759 [redacted] faaddc.domino_finalreport.gz
-rw-r--r--   1 [redacted]  cop      5749 [redacted] faaddc.domino_finalreport.previous.gz
-rw-r--r--   1 [redacted]  cop      3415 [redacted] faaddc.domino_simulate.audit.gz
-rw-r--r--   1 [redacted]  cop    495820 [redacted] faaddc.xcap_finalreport.gz

ptdl:mnardin>gzless faaddc.domino_finalreport.gz
**************************
* DOMINO FLOW XCAP REPORT *
**************************

domino_manager version 2.0, last modified on [redacted]

Command Line     : domino_manager faaddc -simulate -parallel 8 -netbatch iss_short
TimeStamp        : [redacted]

USER             : [redacted]
WORK_AREA_ROOT_DIR: /prj/cop/work_root/feu/[redacted]/faaddc
Note: The worst domino input residual reported is the worst residual
propagated to the inputs from a previous domino stage, the worst case
domino input noise is the worst total noise (power_supply_noise+residual+xtalk)
on any domino input (not necessarily the input that had the worst residual)

Report for all DYNOUT Nodes sorted based on margin

 ?.???V DYNOUT faaddd/i34/pp[71]       (dom194faaddc)
      -W- no receiver found, verify NOCON!
      Voltage Drop: 0.130V (ChgSh(0.010V)+Residual(0.040V)+XTalk(0.055V)+PSN(0.025V))
      worst domino input noise   : 0.111V on node: faaddd/i34/i13/i1/pp2nn[3]
      worst domino input residual: 0.029V from dom245faaddc

 ?.???V DYNOUT faaddd/i34/gg[71]       (dom144faaddc)
      -W- no receiver found, verify NOCON!
      Voltage Drop: 0.199V (ChgSh(0.001V)+Residual(0.032V)+XTalk(0.141V)+PSN(0.025V))
      worst domino input noise   : 0.120V on node: faaddd/i34/i13/i1/gg2nn[1]
      worst domino input residual: 0.029V from dom245faaddc

*** The Noise on the following Domino Output Nodes is below the Receiver UGNMH ***

+0.032V DYNOUT faaddd/i34/i31/gout[5]   (dom104faaddc)
      Voltage Drop: 0.186V (ChgSh(0.001V)+Residual(0.085V)+XTalk(0.075V)+PSN(0.025V))
      worst receiver UGNMH      : 1.582V (NT:0.218V) from
zgca2nox800040x4000040x1024040x4000040
      worst domino input noise   : 0.197V on node: faaddd/i34/i31/gg2nn[1]
      worst domino input residual: 0.073V from dom55faaddc

+0.037V DYNOUT faaddd/i34/gg[29]       (dom82faaddc)
      Voltage Drop: 0.208V (ChgSh(0.000V)+Residual(0.031V)+XTalk(0.152V)+PSN(0.025V))
      worst receiver UGNMH      : 1.555V (NT:0.245V) from
zgca2nox1000040x4000040x1024040x4000040
      worst domino input noise   : 0.120V on node: faaddd/i34/i6/i1/gg2nn[1]
```

```
1        worst domino input residual: 0.028V from dom137faaddc
2
3    +0.048V DYNOUT faaddd/i34/gg[17]      (dom211faaddc)
4        Voltage Drop: 0.197V (ChgSh(0.000V)+Residual(0.031V)+XTalk(0.141V)+PSN(0.025V))
5        worst receiver UGNMH      : 1.555V (NT:0.245V) from
6    zgca2nox1000040x4000040x1024040x4000040
7        worst domino input noise  : 0.120V on node: faaddd/i34/i4/i1/gg2nn[1]
8        worst domino input residual: 0.028V from dom72faaddc
9
10   +0.050V DYNOUT faaddd/i34/pp[11]      (dom55faaddc)
11       Voltage Drop: 0.261V (ChgSh(0.010V)+Residual(0.031V)+XTalk(0.195V)+PSN(0.025V))
12       worst receiver UGNMH      : 1.489V (NT:0.311V) from
13   zgca2nox1400040x3600040x1024040x3600040
14       worst domino input noise  : 0.111V on node: faaddd/i34/i3/i1/pp2nn[3]
15       worst domino input residual: 0.028V from dom168faaddc
16
17   +0.051V DYNOUT faaddd/i34/pp[23]      (dom189faaddc)
18       Voltage Drop: 0.194V (ChgSh(0.010V)+Residual(0.031V)+XTalk(0.128V)+PSN(0.025V))
19       worst receiver UGNMH      : 1.555V (NT:0.245V) from
20   zgca2nox1000040x4000040x1024040x4000040
21       worst domino input noise  : 0.111V on node: faaddd/i34/i5/i1/pp2nn[3]
22       worst domino input residual: 0.028V from dom233faaddc
23
24   +0.055V DYNOUT faaddd/i34/pp[53]      (dom126faaddc)
25       Voltage Drop: 0.242V (ChgSh(0.010V)+Residual(0.033V)+XTalk(0.174V)+PSN(0.025V))
26       worst receiver UGNMH      : 1.503V (NT:0.297V) from zi0bna02he
27       worst domino input noise  : 0.111V on node: faaddd/i34/i10/i1/pp2nn[3]
28       worst domino input residual: 0.029V from dom24faaddc
29
30   .
31   .
32   .
33
34   ****************************
35   * SUMMARY of DOMINO REPORT *
36   ****************************
37
38   249 dominos were found in FUB: faaddc
39
40   0 dominos were not mapped or extracted
41   2 dominos had no receivers (NOCONS?)
42   0 dominos were assumed to be fixed for noise propagation
43   0 domino circuits had negative noise margins
```

EXHIBIT D

(Simulation Sequence File)

```
sim_seq_faaddc.dat:
#<node_type>        <node_name>
-----------------------------------------------------------------------------------------------------------------------

#simulation_count     1.000
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}%g[0]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}%p[0]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}%g[1]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}%p[1]
..
..
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i9{p62faadnew2zi0madd_add6c}%p[5]
#simulation_count     2.000
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%qnn[48]
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%qnn[49]
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%qnn[50]
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%qnn[51]
igate_node
faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}/i0[1]{p62faaddczi0madd_pg
genc}%net100
igate_node
faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}/i0[2]{p62faaddczi0madd_pg
genc}%net100
igate_node
faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}/i0[3]{p62faaddczi0madd_pg
genc}%net100
igate_node
faaddd{p62faaddd}/i34{p62faadyn72add}/i10{p62faadnew2zi0madd_add6c}/i0[4]{p62faaddczi0madd_pg
genc}%net100
igate_node
faaddd{p62faaddd}/i34{p62faadyn72add}/i9{p62faadnew2zi0madd_add6c}/i1{p62fazi0madd_cla6c}%pp
2nn[1]
#simulation_count     3.000
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%gg[50]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%gg[51]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%gg[52]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%gg[53]
..
..
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%pp[50]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%gg[47]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}%pp[47]
#simulation_count     4.000
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i16[3]{zi0madd_sume}%n0
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i16[3]{zi0madd_sume}%ggnn
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%pp2nn[10]
..
..
igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%pp2nn[7]
#simulation_count     5.000
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%pp[10]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%gout[5]
domino_node          faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%gp[10]
..
```

```
1   ..
2   domino_node         faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%pp[7]
3   domino_node         faaddd{p62faaddd}/i34{p62faadyn72add}/i31{p62faa2ndcla}%gp[3]
4   #simulation_count    6.000
5   igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[23]
6   igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[29]
7   igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[35]
8   igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[41]
9   igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[47]
10  igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[53]
11  igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[59]
12  igate_node          faaddd{p62faaddd}/i34{p62faadyn72add}%coutnn[65]
```

EXHIBIT E

(Simulation Time Stamp Log)

[redacted]-14:10:39#.ptdis86:
| Starting time : Fri [redacted] 14:10:39 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p1
| Finishing time : Fri [redacted] 14:41:59 [redacted]
##[redacted]14:10:40#.ptdis77:
| Starting time : Fri [redacted] 14:10:40 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p2
| Finishing time : Fri [redacted] 14:43:12 [redacted]
##[redacted]-14:10:41#.ptdis97:
| Starting time : Fri [redacted] 14:10:41 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p3
| Finishing time : Fri [redacted] 14:42:03 [redacted]
##[redacted]-14:10:41#.ptdis75:
| Starting time : Fri [redacted] 14:10:41 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p4
| Finishing time : Fri [redacted] 14:59:50 [redacted]
##[redacted]-14:10:42#.ptdis116:
| Starting time : Fri [redacted] 14:10:42 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p5
| Finishing time : Fri [redacted] 14:58:43 [redacted]
##[redacted]-14:10:42#.ptdis108:
| Starting time : Fri [redacted] 14:10:42 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p6
| Finishing time : Fri [redacted] 15:00:26 [redacted]
##[redacted]-14:10:43#.ptdis14:
| Starting time : Fri [redacted] 14:10:43 [redacted]
| Command : xcap/domino/data/nbq_domino_stage1.p7
| Finishing time : Fri [redacted] 14:52:31 [redacted]
##[redacted]-15:00:56#.ptdis78:
| Starting time : Fri [redacted] 15:00:56 [redacted]
| Command : xcap/domino/data/nbq_domino_stage3.p1
| Finishing time : Fri [redacted] 15:48:19 [redacted]
##[redacted]-15:00:57#.ptdis99:
| Starting time : Fri [redacted] 15:00:57 [redacted]
| Command : xcap/domino/data/nbq_domino_stage3.p2
| Finishing time : Fri [redacted] 15:47:51 [redacted]
##[redacted]-15:00:57#.ptdis109:
| Starting time : Fri [redacted] 15:00:57 [redacted]
| Command : xcap/domino/data/nbq_domino_stage3.p3
| Finishing time : Fri [redacted] 15:47:53 [redacted]
##[redacted]-15:00:58#.ptdis89:
| Starting time : Fri [redacted] 15:00:58 [redacted]
| Command : xcap/domino/data/nbq_domino_stage3.p4
| Finishing time : Fri [redacted] 15:47:51 [redacted]
##[redacted]-15:00:58#.ptdis87:
| Starting time : Fri [redacted] 15:00:58 [redacted]
| Command : xcap/domino/data/nbq_domino_stage3.p5
| Finishing time : Fri [redacted] 15:39:01 [redacted]
##[redacted]-15:49:02#.ptdis97:
| Starting time : Fri [redacted] 15:49:02 [redacted]
| Command : xcap/domino/data/nbq_igate_stage4.p1
| Finishing time : Fri [redacted] 16:00:56 [redacted]
##[redacted]-16:01:05#.ptdis86:
| Starting time : Fri [redacted] 16:01:05 [redacted]

| Command : xcap/domino/data/nbq_domino_stage5.pl
| Finishing time : Fri [redacted] 16:14:30 [redacted]
##[redacted]-16:15:07#.ptdis86:
| Starting time : Fri [redacted] 16:15:07 [redacted]
| Command : xcap/domino/data/nbq_igate_stage6.pl
| Finishing time : Fri [redacted] 16:21:12 [redacted]